

PCT

FORM PTO-1390 (REV. 02/2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>			
INTERNATIONAL APPLICATION NO. PCT/KR2004/000940		INTERNATIONAL FILING DATE 23 April 2004	
ATTORNEY'S DOCKET NUMBER 2400/8		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/554212	
TITLE OF INVENTION DEVICE FOR GENERATING PLANE BEAM/CONICAL SHAPE BEAM AND SECURITY DEVICE USING GENERATED PLANE BEAM/CONE BEAM		PRIORITY DATE CLAIMED 23 April 2003	

**APPLICANT(S) FOR DO/EO/US: KONG, Hong Jin; CHOI, Jin**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Statement Under 37 CFR 3.73(b) , including copy of Assignment

U.S. APPLICATION NO. (PCT/PTO) <b>10/554212</b>		INTERNATIONAL APPLICATION NO. PCT/KR2004/000940		ATTORNEY'S DOCKET NUMBER 24006	
The following fees have been submitted:				<b>CALCULATIONS PTO USE ONLY</b>	
21. <input checked="" type="checkbox"/> Basic national fee .....\$300.00				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$100.00					
All other situations .....\$200.00				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100.00					
International Search Report prepared and provided to the Office.....\$400.00				\$ 400.00	
All other situations.....\$500.00				\$ 900.00	
<b>TOTAL OF 21, 22 and 23 =</b>					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or Fraction thereof (round up to a whole number)	Rate		
76 - 100 =	0 /50 =	0	x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
<b>CLAIMS</b>		<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	
Total claims (16 actual claims; 21 for fee calc)		21 - 20 =	1	x \$50.00	\$ 50.00
Independent claims		8 - 3 =	5	x \$200.00	\$1000.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$ 360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$2310.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$1,155.00	
<b>SUBTOTAL =</b>				\$1,155.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$1,155.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$1,195.00	
				<b>Amount to be refunded:</b>	\$
				<b>charged:</b>	\$1,195.00
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>50-1047</u> in the amount of <u>\$1,195.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1047</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p>					
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Mayer Fortkort &amp; Williams, PC 251 North Avenue West, 2<sup>nd</sup> Floor Westfield, NJ 07090</p> <p>Tel.: 908-518-7700 Fax: 908-518-7795</p>					
				<p style="text-align: center;"><i>Stuart H. Mayer</i></p> <p>SIGNATURE</p> <p>Stuart H. Mayer</p> <p>NAME</p> <p>35,277</p> <p>REGISTRATION NUMBER</p>	

10/554212

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>		JCOB Rec'd PCT/PG 24 OCT 2005
Applicant(s): <b>Hong Jin Kong et al.</b>		2400/8

Application No. <b>PCT/KR2004/000940</b>	Filing Date <b>4/23/2004 (Int'l)</b>	Examiner <b>Unassigned</b>	Customer No. <b>27774</b>	Group Art Unit <b>Unassigned</b>
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Invention: **DEVICE FOR GENERATING PLANE BEAM//CONICAL SHAPE BEAM AND SECURITY DEVICE USING GENERATED PLANE BEAM/CONE BEAM**

I hereby certify that the following correspondence:

**New U.S. Patent Application Filed Under 35 USC 371**

*(Identify type of correspondence)*

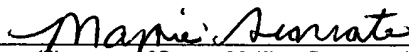
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

**10/24/2005**

*(Date)*

**Marjorie Scariati**

*(Typed or Printed Name of Person Mailing Correspondence)*

  
*(Signature of Person Mailing Correspondence)*

**ER 851868185 US**

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